



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

458300

SERIAL NO.

09/349,575

APPLICANT

Gauthier et al.

FILING DATE

7/8/1999

GROUP

2837

## LIST OF REFERENCES CITED BY APPLICANT

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ESM	AA	5,780,983	7/98	Shinkawa et al.			
	AB	4,812,724	3/89	Langer et al.			
	AC	5,711,753	1/98	Pacella et al.			
	AD	5,783,920	7/98	Hahn			
	AE	5,177,416	1/93	Inaji et al.			
	AF	5,057,753	10/91	Leuthold et al.			
	AG	5,783,917	7/98	Takekawa			
	AH	5,527,159	6/96	Bozeman, Jr. et al.			
	AI	5,678,306	10/97	Bozeman, Jr. et al.			
↓	AJ	5,888,242	3/99	Antaki et al.			
ESM	AK	4,928,043	5/90	Plunkett			

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							YES	NO
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## OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ESM	AO	Opposition filed by Ventracor Limited In Australia Pat. No. 771931, including declarations of P. Skevington, S. Sathiakumar, G. P. Hunter; P. J. Ayre and T. Yiu
ESM	AP	"Comparative Study of the Design and Development of Direct Drive Brushed and Brushless DC Motors with Samarium Cobalt, Neodymium-Iron-Boron and Ceramic Magnets", S.K. Pal; Muirhead Vactric Components Ltd. (7 pgs; date unknown)
ESM	AQ	"Literature Survey of Permanent Magnet AC Motors and Drives", P. Pillay et al. Department of Electrical Engineering; University of Newcastle Upon Tyne; (1989; pgs. 74-84)

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	AB	5,869,944	2/99	Tanina			
	AC	5,420,492	5/95	Sood et al.			
	AD	5,929,577	7/99	Neidorff et al.			
	AE	4,654,566	3/87	Erdman			
	AF	5,859,520	1/99	Bourgeois et al.			
	AG	5,990,643	11/99	Holling et al.			
✓	AH	5,708,337	1/98	Breit et al.			
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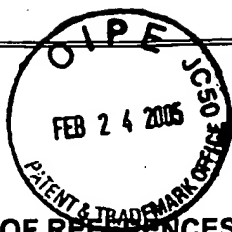
ESM	AO	"Study of Implementation of Hysteresis Controlled Inverter on a Permanent Magnet Synchronous Machine", M. Lajoie-Mazenc, et al.; (1984; pgs. 426-431)
ESM	AP	"Direct Digital Control of a Self-Controlled Synchronous Motor with Permanent Magnet", C. Bergmann et al., (date unknown; 5 pgs.)
ESM	AQ	"Definition of the Brushless DC Motor", A. Kusko et al.; Kusko Electrical Division Failure Analysis Associates, Westborough, PA (1988; pgs. 20-22)

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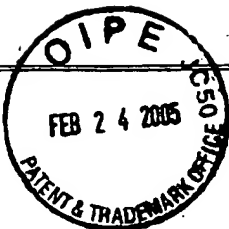
ESM	AO	"Fast Response Reversible Brushless DC Drive with Regenerative Braking", B. V. Murty, et al.; General Motors Research Laboratories, (1984; pgs. 445-450)
ESM	AP	"Microcomputer Control for Sensorless Brushless Motor", K. Iizuka et al., Transactions of Industry Applications; Vol. IA-21, No. 4, May/June 1985; (pgs. 595-601)
ESM	AQ	"Electronically Commutated DC Motors for the Appliance Industry". D. M. Erdman et al; General Electric Company; (1984; pgs 1339-1345)

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ESM	AP	"New Approach for the Low-Speed Operation of PMSM Drives Without Rotational Position Sensors"; Joohn-Sheok Kim, et al.; Transactions on Power Electronics, Vol. 11. No. 3, May 1996; (Pgs 512-519)
ESM	AQ	"Classification of Inverter Driven Permanent Magnet Synchronous Motors"; R. Colby, Department of Electronical and Computer Engineering, North Carolina State University, (1988; 6 pgs.)

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ESM	AP	"Position Servo System with PM AC Motor Using 80C196 Micro-Controller"; S. Sathiakumar et al.; International Power Engineering Conference 1993; pgs. 472-477
ESM	AQ	"A Phase-Locked Loop Control System for a Synchronous Motor"; Gerald T. Volpe, Transactions on Automatic Control. Vol. AC-15, No. 1; February 1970; pgs 88-95

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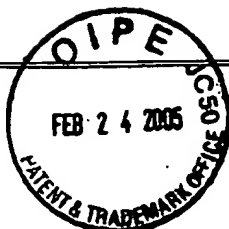
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ESM	AP	"A New PWM Speed Control System for High-Performance ac Motor Drives"; P. Enjeti et al.; Transactions on Industrial Electronics, Vol. 37, No. 2, April 1990; pgs 143-151
ESM	AQ	"Adjustable Speed Drive for Residential Applications"; Mohab Hallouda et al. Cairo University, Egypt; 1993; pgs. 928-934

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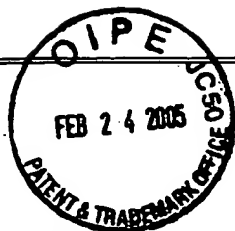
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ESM	AP	"Microprocessor Based Sinusoidal PWM Inverter by DMA Transfer"; K. Rajashekara et al.; Transactions on Industrial Electronics, Vol. 1E-29, No. 1; February 1982; pgs. 46-51	/
ESM	AQ	"Micro Linear, ML4411*/ML4411A**", Sensorless Spindle Motor Controller," May 1997, 14 pgs.	/
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ESM	AP	"A Full-Wave Motor Drive IC Based on the Back EMF Sensing Principle"; JPM. Bahlmann; Phillips Consumer Electronics, The Netherlands; 1989; pgs 415-420
	AQ	

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